

CMM PDE Seminar

Speaker: Miguel Alejo (University of Córdoba, Spain)

Title: Modeling chemotaxis with a nonlinear Schrödinger equation: solitary waves.

Abstract: In this talk I will show how chemotaxis can be modeled by using a nonlinear Schrödinger equation with well-known quantum dissipative mechanisms. This relation will allow us to find explicit new solitary wave solutions.

Modalidad: presencial en la sala de seminarios del DIM piso 5 o bien online vía zoom:

<https://uchile.zoom.us/j/81800846925?pwd=T0krYUE0YkhVnFPN2prUGNpUU9kZz09>

Para más información y videos de seminarios pasados, ver
página <https://eventos.cmm.uchile.cl/pdeseminar/>

Date May 31, 2022 at 12 Santiago time